

09601,672

=> s 17 and alkenyl oligoglycoside

54310 ALKENYL

254 OLIGOGLYCOSIDE

48 ALKENYL OLIGOGLYCOSIDE

(ALKENYL(W)OLIGOGLYCOSIDE)

L16 1 L7 AND ALKENYL OLIGOGLYCOSIDE

=> d l16 ibib hitstr abs

L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:259842 CAPLUS

DOCUMENT NUMBER: 122:38513

TITLE: Preparation of solid esterquats with improved emulsifying properties for cosmetic use

INVENTOR(S): Behler, Ansgar; Fabry, Bernd; Pi, Rafael; Bigorra Llosas, Joaquim; Prat Queralt, Ester

PATENT ASSIGNEE(S): Henkel K.-G.a.A., Germany; Pulcra S.A.

SOURCE: Ger., 6 pp.

CODEN: GWXXAW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4335782	C1	19940728	DE 1993-4335782	19931020
WO 9421592	A1	19940929	WO 1993-EP3150	19931110
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 689531	A1	19960103	EP 1994-900123	19931110
EP 689531	B1	19980729		
R: DE, ES, FR				
JP 08507537	T2	19960813	JP 1993-520554	19931110
ES 2119146	T3	19981001	ES 1994-900123	19931110
PRIORITY APPLN. INFO.:			DE 1993-4308794	19930318
			DE 1993-4335782	19931020
			WO 1993-EP3150	19931110

AB Esterquats with improved stability and biodegradability are prepd. by quaternizing a fatty acid triethanolamine ester
 $R_1CO(OCH_2CH_2)_nOCH_2CH_2N[CH_2CH_2O(CH_2CH_2O)_pR_3]CH_2CH_2O(CH_2CH_2O)_mR_2$ ($R_1CO = C_6-22$ acyl; $R_2, R_3 = H, R_1CO$; $m + n + p = 0-10$) with an alkylating agent in the presence of a nonionic emulsifier. The nonionic emulsifier may be an alkyl or **alkenyl oligoglycoside**, fatty N-alkyl-N-(polyhydroxyalkyl)amide, partial glyceride polyglycol ether, and/or polyol. Thus, partially hydrogenated C16-18 tallow fatty acids were condensed with triethanolamine at 160.degree. and 40 mbar for 4 h and 70 g of the product was quaternized with Me₂SO₄ in the presence of 30 g Plantaren APG 2000. An emulsion of 7 g **esterquat**-Plantaren mixt. in 93 g water had a viscosity of 25 mPa which was stable for 15 days.

=> s 17 and alkyl oligoglycoside

497044 ALKYL

254 OLIGOGLYCOSIDE

61 ALKYL OLIGOGLYCOSIDE

11/30/02

09601,672

(ALKYL(W) OLIGOGLYCOSIDE)

L17 1 L7 AND ALKYL OLIGOGLYCOSIDE

=> d 117 ibib hitstr abs

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:333125 CAPLUS

DOCUMENT NUMBER: 131:6875

TITLE: Clear softener with microemulsified perfume oils

INVENTOR(S): Wilsch-Irrgang, Anneliese; Scheffler, Karl-Heinz

PATENT ASSIGNEE(S): Henkel K.-G.a.A., Germany

SOURCE: Ger. Offen., 10 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19751151	A1	19990520	DE 1997-19751151	19971119
WO 9925797	A1	19990527	WO 1998-EP7160	19981110
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1032626	A1	20000906	EP 1998-961166	19981110
R: AT, BE, DE, ES, FR, GB, IT, NL, SE				
JP 2001523771	T2	20011127	JP 2000-521166	19981110
PRIORITY APPLN. INFO.:			DE 1997-19751151 A	19971119
			WO 1998-EP7160 W	19981110

OTHER SOURCE(S): MARPAT 131:6875

AB The title softener contains (a) 2-60% trialkanolamine reaction products of a mixt. of specified fatty acids and dicarboxylic acids, optionally ethoxylated and quaternized, (b) 0.5-20% perfume oil microemulsion, and (c) H2O or aq. soln. of other additives. The microemulsion (b) comprises perfume oil 10-50, addnl. oily component 1-10, alkyl polyglycoside emulsifier 1-30 and, optionally, nonionic or cationic co-emulsifier .ltoreq.10%. For example, a title softener was manufd. by mixing 1.5 part of a microemulsion contg. Plantacare 220 [C8-10-alkyl-(1.5)-oligoglucoside] 4.0, Plantacare-1200 16.0, Dehyquart AU-46 2.0, Cetiol OE 7.5, perfume 20.0 and H2O balance, with 6.0 parts of a known adipic acid-based **esterquat**.

=>

09601,672

=> s esterquat
L7 137 ESTERQUAT

=> s 117 and oligoglycoside
L17 NOT FOUND
The L-number entered could not be found. To see the definition
of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s 17 and oligoglycoside
254 OLIGOGLYCOSIDE
L8 4 L7 AND OLIGOGLYCOSIDE

=> d 18 1-4 ibib hitstr abs

L8 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:315003 CAPLUS
DOCUMENT NUMBER: 132:339029
TITLE: Hair and skin conditioners
INVENTOR(S): Kahre, Joerg; Boyxen, Norbert; Prat Queralt, Esther;
Blasquez Fernandez, Jose
PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19851451	A1	20000511	DE 1998-19851451	19981109
WO 2000027343	A2	20000518	WO 1999-EP8287	19991030
WO 2000027343	A3	20001116		

W: JP, US

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE

PRIORITY APPLN. INFO.: DE 1998-19851451 A 19981109

OTHER SOURCE(S): MARPAT 132:339029

AB Hair and skin conditioners contg. esterquats and partial glycerides, which
sometimes leave the hair or skin feeling rough or dry, are modified by
addn. of alc. ethoxylates, alkyl and/or alkenyl oligoglycosides, and/or
polyol poly-12-hydroxystearates, and optionally by further addn. of fatty
alcs. and/or cyclic carbonates, to improve the sensorial properties of the
hair or skin. The resulting compns. are water-free, stable during
storage, and have a low viscosity as concs. and are self-emulsifying on
addn. to aq. phases. Thus, a conditioning shampoo contained Dehyquart F
100 (distearoylethyl hydroxyethylmonium methosulfate + cetearyl alc.) 1.5,
Lanette O (cetearyl alc.) 2.5, Lamesoft PO 65 (coco glycerides + glyceryl
oleate) 2.0, glycerin carbonate 1.5, perfume oil, and H2O to 100 wt.%.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 1999:333125 CAPLUS
DOCUMENT NUMBER: 131:6875
TITLE: Clear softener with microemulsified perfume oils
INVENTOR(S): Wilsch-Irrgang, Anneliese; Scheffler, Karl-Heinz

11/30/02

09601,672

PATENT ASSIGNEE(S): Henkel K.-G.a.A., Germany
SOURCE: Ger. Offen., 10 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19751151	A1	19990520	DE 1997-19751151	19971119
WO 9925797	A1	19990527	WO 1998-EP7160	19981110
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1032626	A1	20000906	EP 1998-961166	19981110
R: AT, BE, DE, ES, FR, GB, IT, NL, SE				
JP 2001523771	T2	20011127	JP 2000-521166	19981110
PRIORITY APPLN. INFO.: DE 1997-19751151 A 19971119				
WO 1998-EP7160 W 19981110				

OTHER SOURCE(S): MARPAT 131:6875

AB The title softener contains (a) 2-60% trialkanolamine reaction products of a mixt. of specified fatty acids and dicarboxylic acids, optionally ethoxylated and quaternized, (b) 0.5-20% perfume oil microemulsion, and (c) H₂O or aq. soln. of other additives. The microemulsion (b) comprises perfume oil 10-50, addnl. oily component 1-10, alkyl polyglycoside emulsifier 1-30 and, optionally, nonionic or cationic co-emulsifier .ltoreq.10%. For example, a title softener was manufd. by mixing 1.5 part of a microemulsion contg. Plantacare 220 [C8-10-alkyl-(1.5)-oligoglucoside] 4.0, Plantacare-1200 16.0, Dehyquart AU-46 2.0, Cetiol OE 7.5, perfume 20.0 and H₂O balance, with 6.0 parts of a known adipic acid-based **esterquat**.

L8 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1998:640538 CAPLUS

DOCUMENT NUMBER: 129:262032

TITLE: Detergents for cleaning textiles, hair, and human skin

INVENTOR(S): Weber, Peter; Fabry, Bernd

PATENT ASSIGNEE(S): Henkel K.-G.a.A., Germany

SOURCE: Ger., 10 pp.

CODEN: GWXXAW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19730649	C1	19980924	DE 1997-19730649	19970717
WO 9903959	A1	19990128	WO 1998-EP4244	19980708
W: US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1002032	A1	20000524	EP 1998-940182	19980708
R: BE, DE, DK, ES, FR, GB, IT, NL, SE				
US 6362142	B1	20020326	US 2000-463133	20000418
PRIORITY APPLN. INFO.: DE 1997-19730649 A 19970717				
WO 1998-EP4244 W 19980708				

11/30/02

09601,672

OTHER SOURCE(S): MARPAT 129:262032

AB Detergents for the title use and exhibiting good antistatic properties on textiles contain esterquats, chitosan (derivs.), protein hydrolyzates, and optionally, alkyl and(or) alkenyloligoglycosides and(or) betaines.

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:259842 CAPLUS

DOCUMENT NUMBER: 122:38513

TITLE: Preparation of solid esterquats with improved emulsifying properties for cosmetic use

INVENTOR(S): Behler, Ansgar; Fabry, Bernd; Pi, Rafael; Bigorra Llosas, Joaquim; Prat Queralt, Ester

PATENT ASSIGNEE(S): Henkel K.-G.a.A., Germany; Pulcra S.A.

SOURCE: Ger., 6 pp.

CODEN: GWXXAW

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4335782	C1	19940728	DE 1993-4335782	19931020
WO 9421592	A1	19940929	WO 1993-EP3150	19931110
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 689531	A1	19960103	EP 1994-900123	19931110
EP 689531	B1	19980729		
R: DE, ES, FR				
JP 08507537	T2	19960813	JP 1993-520554	19931110
ES 2119146	T3	19981001	ES 1994-900123	19931110
PRIORITY APPLN. INFO.:			DE 1993-4308794	19930318
			DE 1993-4335782	19931020
			WO 1993-EP3150	19931110

AB Esterquats with improved stability and biodegradability are prepd. by quaternizing a fatty acid triethanolamine ester
 $R_1CO(OCH_2CH_2)_nOCH_2CH_2N[CH_2CH_2O(CH_2CH_2O)_pR_3]CH_2CH_2O(CH_2CH_2O)_mR_2$ ($R_1CO = C_6-22$ acyl; $R_2, R_3 = H, R_1CO$; $m + n + p = 0-10$) with an alkylating agent in the presence of a nonionic emulsifier. The nonionic emulsifier may be an alkyl or alkenyl **oligoglycoside**, fatty N-alkyl-N-(polyhydroxyalkyl)amide, partial glyceride polyglycol ether, and/or polyol. Thus, partially hydrogenated C16-18 tallow fatty acids were condensed with triethanolamine at 160.degree. and 40 mbar for 4 h and 70 g of the product was quaternized with Me2SO4 in the presence of 30 g Plantaren APG 2000. An emulsion of 7 g **esterquat**-Plantaren mixt. in 93 g water had a viscosity of 25 mPa which was stable for 15 days.

=> d his

(FILE 'HOME' ENTERED AT 15:07:10 ON 30 NOV 2002)

FILE 'CAPLUS' ENTERED AT 15:07:48 ON 30 NOV 2002

L1 20389 S VITAMIN D

L2 8698 S VITAMIN D3

11/30/02

09601,672

L3 22 S L1 AND CYCLOPROPYL
L4 20 S L2 AND CYCLOPROPYL
L5 2324 S DHEA
L6 0 S ESTRAQUAT
L7 137 S ESTERQUAT
L8 4 S L7 AND OLIGOGLYCOSIDE

=> s 17 and glyceride
14816 GLYCERIDE
L9 7 L7 AND GLYCERIDE

=> d 19 1-7 ibib hitstr abs

L9 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:268521 CAPLUS
DOCUMENT NUMBER: 136:299452
TITLE: Hair cosmetics containing esterquats
INVENTOR(S): Masaki, Koichi
PATENT ASSIGNEE(S): Cognis Japan K. K., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 5 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002104936	A2	20020410	JP 2000-298514	20000929

OTHER SOURCE(S): MARPAT 136:299452
AB This invention relates to transparent or semitransparent hair prepns. which show little irritation to the eyes and the skin. The hair prepns. comprise esterquats and polyoxyethylene fatty acid glycerin. A hair conditioner contained coco fatty acid ethylhydroxyethylammonium Me sulfate 1, POE caprylic capric **glyceride** 5, polyglycerin isostearate 1, dialkyl carbonate 1, dipropylene glycol 5, xanthan gum 0.5, methylparaben 0.15 propylparaben 0.15, and water balance to 100 %.

L9 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:315003 CAPLUS
DOCUMENT NUMBER: 132:339029
TITLE: Hair and skin conditioners
INVENTOR(S): Kahre, Joerg; Boyxen, Norbert; Prat Queralt, Esther; Blasquez Fernandez, Jose
PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany
SOURCE: Ger. Offen., 12 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19851451	A1	20000511	DE 1998-19851451	19981109
WO 2000027343	A2	20000518	WO 1999-EP8287	19991030
WO 2000027343	A3	20001116		

W: JP, US

09601,672

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE

PRIORITY APPLN. INFO.: DE 1998-19851451 A 19981109

OTHER SOURCE(S): MARPAT 132:339029

AB Hair and skin conditioners contg. esterquats and partial glycerides, which sometimes leave the hair or skin feeling rough or dry, are modified by addn. of alc. ethoxylates, alkyl and/or alkenyl oligoglycosides, and/or polyol poly-12-hydroxystearates, and optionally by further addn. of fatty alcs. and/or cyclic carbonates, to improve the sensorial properties of the hair or skin. The resulting compns. are water-free, stable during storage, and have a low viscosity as concs. and are self-emulsifying on addn. to aq. phases. Thus, a conditioning shampoo contained Dehyquart F 100 (distearoylethyl hydroxyethylmonium methosulfate + cetearyl alc.) 1.5, Lanette O (cetearyl alc.) 2.5, Lamesoft PO 65 (coco glycerides + glyceryl oleate) 2.0, glycerin carbonate 1.5, perfume oil, and H2O to 100 wt.%.

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:314998 CAPLUS

DOCUMENT NUMBER: 132:339052

TITLE: Cosmetic use of cation-active mixtures

INVENTOR(S): Jackwerth, Bettina; Gassenmeier, Thomas; Amela Conesa, Cristina; Prat, Esther

PATENT ASSIGNEE(S): Cognis Deutschland G.m.b.H., Germany

SOURCE: Ger. Offen., 12 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19851427	A1	20000511	DE 1998-19851427	19981109
WO 2000027355	A1	20000518	WO 1999-EP8288	19991030
W: AU, CA, CN, JP, KR, NZ, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9964760	A1	20000529	AU 1999-64760	19991030
EP 1131049	A1	20010912	EP 1999-952639	19991030
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2002529390	T2	20020910	JP 2000-580586	19991030

PRIORITY APPLN. INFO.: DE 1998-19851427 A 19981109

WO 1999-EP8288 W 19991030

OTHER SOURCE(S): MARPAT 132:339052

AB Cationic surfactant mixts. contg. esterquats, oils, and partial glycerides, preferably in the form of emulsions, are useful for prodn. of skin-cleansing and -conditioning compns. which spread rapidly and are absorbed rapidly without leaving a residue. Thus, a moisturizing emulsion contained Dehyquart F 100 1.0, Emulgade SE 5.0, Cetiol SN 3.0, Cetiol V 3.0, hydrolyzed keratin 60.0, 86% glycerin 3.0, preservative, and H2O to 100 wt.%.

L9 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:511005 CAPLUS

DOCUMENT NUMBER: 131:149067

11/30/02

09601,672

TITLE: Hair-conditioning agents
INVENTOR(S): Kahre, Joerg; Boyxen, Norbert; Kosboth, Celia;
Goebels, Dagmar; Seipel, Werner
PATENT ASSIGNEE(S): Henkel Kommanditgesellschaft auf Aktien, Germany
SOURCE: PCT Int. Appl., 25 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9939690	A1	19990812	WO 1999-EP563	19990128
W: JP, US RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
DE 19805703	A1	19990812	DE 1998-19805703	19980206
DE 19805703	C2	20010503		
EP 1052972	A1	20001122	EP 1999-907446	19990128
R: DE, ES, FR, GB, IT, NL				
JP 2002505253	T2	20020219	JP 2000-530190	19990128
PRIORITY APPLN. INFO.: DE 1998-19805703 A 19980206 WO 1999-EP563 W 19990128				

OTHER SOURCE(S): MARPAT 131:149067

AB Hair-conditioning agents contg. esterquats, alkyl and/or alkenyl oligoglycosides, partial glycerides, and optionally fatty alcs. and/or fatty alc. ethoxylates give the hair a soft texture and reduce static charges between the fibers. Thus, a hair conditioner contained distearoylethyl hydroxyethylmonium methosulfate + cetearyl alc. 1.4, cetearyl alc. 2.5, hydrogenated palm glycerides 0.5, coco glucosides 1.5, coco glucoside + glyceryl oleate 5.0, and H2O to 100 parts.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1998:493810 CAPLUS
DOCUMENT NUMBER: 129:126891
TITLE: Self-emulsifying preparations
INVENTOR(S): Bigorra, Joaquin; Prat Queralt, Esther; Pi Subirana, Rafael
PATENT ASSIGNEE(S): Henkel K.-G.a.A., Germany
SOURCE: Ger., 10 pp.
CODEN: GWXXAW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19732015	C1	19980723	DE 1997-19732015	19970725
EP 893120	A2	19990127	EP 1998-113304	19980716
EP 893120	A3	20011024		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRIORITY APPLN. INFO.: DE 1997-19732015 A 19970725				
OTHER SOURCE(S): MARPAT 129:126891				

11/30/02

09601,672

AB A mixt. of esterquats 20-25, oils 60-65, and C6-14 partial **glyceride** emulsifiers 10-20 wt.% (sum = 100 wt.%) spontaneously forms a stable, homogeneous emulsion in water which can be used directly as e.g. a hair conditioner. Thus, a mixt. of Me-quaternized dipalmitoyltriethanolamine methosulfate 25, cetylstearyl alc. 60, and glyceryl laurate 15 wt.% was mixed with water to form a 4 wt.% emulsion which remained clear for .gtoreq.7 days. The viscosity of the emulsion was 4400 and 4550 mPa s after 24 h and 7 days, resp.

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:798470 CAPLUS
DOCUMENT NUMBER: 128:53027
TITLE: Modern formulations for hair aftercare
AUTHOR(S): Kahre, Joerg; Prat, Esther
CORPORATE SOURCE: Henkel K.-G.a.A., Duesseldorf, Germany
SOURCE: Parfuemerie und Kosmetik (1997), 78(11), 12-14
CODEN: PAKOAL; ISSN: 0031-1952
PUBLISHER: Huethig GmbH
DOCUMENT TYPE: Journal
LANGUAGE: German

AB The influence was analyzed of chain length of fatty alcs. on hair grip, luster, and combability to describe possible formulations and effects of esterquats. Hair grip and combability were improved by myristyl alc. compared to cetearyl alc. Distearoylethyl-hydroxyethylmoniom-methosulfate with the emulsifiers lauryl glucoside/lauryl **glyceride** or lauryl glucoside/polyglyceryl-2-dipolyhydroxy stearate improved the hair properties compared to Cetearoth-20 and cetrimonium chloride. Concepts were presented of a leave-on-conditioner and a rinsing conc. with esterquats.

L9 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1995:259842 CAPLUS
DOCUMENT NUMBER: 122:38513
TITLE: Preparation of solid esterquats with improved emulsifying properties for cosmetic use
INVENTOR(S): Behler, Ansgar; Fabry, Bernd; Pi, Rafael; Bigorra Llosas, Joaquim; Prat Queralt, Ester
PATENT ASSIGNEE(S): Henkel K.-G.a.A., Germany; Pulcra S.A.
SOURCE: Ger., 6 pp.
CODEN: GWXXAW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4335782	C1	19940728	DE 1993-4335782	19931020
WO 9421592	A1	19940929	WO 1993-EP3150	19931110
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 689531	A1	19960103	EP 1994-900123	19931110
EP 689531	B1	19980729		
R: DE, ES, FR				
JP 08507537	T2	19960813	JP 1993-520554	19931110
ES 2119146	T3	19981001	ES 1994-900123	19931110

09601, 672

PRIORITY APPLN. INFO.:

DE 1993-4308794	19930318
DE 1993-4335782	19931020
WO 1993-EP3150	19931110

AB Esterquats with improved stability and biodegradability are prepd. by quaternizing a fatty acid triethanolamine ester $R_1CO(OCH_2CH_2)_nOCH_2CH_2N[CH_2CH_2O(CH_2CH_2O)_pR_3]CH_2CH_2O(CH_2CH_2O)_mR_2$ ($R_1CO = C_6-22$ acyl; $R_2, R_3 = H, R_1CO$; $m + n + p = 0-10$) with an alkylating agent in the presence of a nonionic emulsifier. The nonionic emulsifier may be an alkyl or alkenyl oligoglycoside, fatty N-alkyl-N-(polyhydroxyalkyl)amide, partial **glyceride** polyglycol ether, and/or polyol. Thus, partially hydrogenated C16-18 tallow fatty acids were condensed with triethanolamine at 160.degree. and 40 mbar for 4 h and 70 g of the product was quaternized with Me_2SO_4 in the presence of 30 g Plantaren APG 2000. An emulsion of 7 g **esterquat**-Plantaren mixt. in 93 g water had a viscosity of 25 mPa which was stable for 15 days.

=>

09601,672

=> s 17 and alkyl oligoglycoside

497044 ALKYL

254 OLIGOGLYCOSIDE

61 ALKYL OLIGOGLYCOSIDE

(ALKYL(W)OLIGOGLYCOSIDE)

L17 1 L7 AND ALKYL OLIGOGLYCOSIDE

=> d 117 ibib hitstr abs

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1999:333125 CAPLUS

DOCUMENT NUMBER: 131:6875

TITLE: Clear softener with microemulsified perfume oils

INVENTOR(S): Wilsch-Irrgang, Anneliese; Scheffler, Karl-Heinz

PATENT ASSIGNEE(S): Henkel K.-G.a.A., Germany

SOURCE: Ger. Offen., 10 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19751151	A1	19990520	DE 1997-19751151	19971119
WO 9925797	A1	19990527	WO 1998-EP7160	19981110
W: JP, US				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 1032626	A1	20000906	EP 1998-961166	19981110
R: AT, BE, DE, ES, FR, GB, IT, NL, SE				
JP 2001523771	T2	20011127	JP 2000-521166	19981110
PRIORITY APPLN. INFO.:			DE 1997-19751151 A	19971119
			WO 1998-EP7160 W	19981110

OTHER SOURCE(S): MARPAT 131:6875

AB The title softener contains (a) 2-60% trialkanolamine reaction products of a mixt. of specified fatty acids and dicarboxylic acids, optionally ethoxylated and quaternized, (b) 0.5-20% perfume oil microemulsion, and (c) H2O or aq. soln. of other additives. The microemulsion (b) comprises perfume oil 10-50, addnl. oily component 1-10, alkyl polyglycoside emulsifier 1-30 and, optionally, nonionic or cationic co-emulsifier .ltoreq.10%. For example, a title softener was manufd. by mixing 1.5 part of a microemulsion contg. Plantacare 220 [C8-10-alkyl-(1.5)-oligoglucoside] 4.0, Plantacare-1200 16.0, Dehyquart AU-46 2.0, Cetiol OE 7.5, perfume 20.0 and H2O balance, with 6.0 parts of a known adipic acid-based **esterquat**.

=> s esterquat-Plantaren

137 ESTERQUAT

195 PLANTAREN

L18 1 ESTERQUAT-PLANTAREN
(ESTERQUAT(W)PLANTAREN)

=> d 118 ibib hitstr abs

L18 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

11/30/02

09601,672

ACCESSION NUMBER: 1995:259842 CAPLUS
DOCUMENT NUMBER: 122:38513
TITLE: Preparation of solid esterquats with improved
emulsifying properties for cosmetic use
INVENTOR(S): Behler, Ansgar; Fabry, Bernd; Pi, Rafael; Bigorra
Llosas, Joaquim; Prat Queralt, Ester
PATENT ASSIGNEE(S): Henkel K.-G.a.A., Germany; Pulcra S.A.
SOURCE: Ger., 6 pp.
CODEN: GWXXAW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 4335782	C1	19940728	DE 1993-4335782	19931020
WO 9421592	A1	19940929	WO 1993-EP3150	19931110
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 689531	A1	19960103	EP 1994-900123	19931110
EP 689531	B1	19980729		
R: DE, ES, FR				
JP 08507537	T2	19960813	JP 1993-520554	19931110
ES 2119146	T3	19981001	ES 1994-900123	19931110
PRIORITY APPLN. INFO.:				
			DE 1993-4308794	19930318
			DE 1993-4335782	19931020
			WO 1993-EP3150	19931110

AB Esterquats with improved stability and biodegradability are prepd. by quaternizing a fatty acid triethanolamine ester $R_1CO(OCH_2CH_2)_nOCH_2CH_2N[CH_2CH_2O(CH_2CH_2O)_pR_3]CH_2CH_2O(CH_2CH_2O)_mR_2$ ($R_1CO = C_6-22$ acyl; $R_2, R_3 = H, R_1CO$; $m + n + p = 0-10$) with an alkylating agent in the presence of a nonionic emulsifier. The nonionic emulsifier may be an alkyl or alkenyl oligoglycoside, fatty N-alkyl-N-(polyhydroxyalkyl)amide, partial glyceride polyglycol ether, and/or polyol. Thus, partially hydrogenated C16-18 tallow fatty acids were condensed with triethanolamine at 160.degree. and 40 mbar for 4 h and 70 g of the product was quaternized with Me_2SO_4 in the presence of 30 g Plantaren APG 2000. An emulsion of 7 g **esterquat-Plantaren** mixt. in 93 g water had a viscosity of 25 mPa which was stable for 15 days.

=>